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16085 U.S.PTO

Claims:

1. (Currently Amended) A reamer for use in extracting juice from citrus
5 comprising:

a plurality of primary ribs for contacting the citrus;
wherein ~~a~~the plurality of primary ribs each have ~~at least~~two different
~~separate convex~~ profiles, being an upper profile and a lower profile;
a concave transitional section located between the upper and the lower
10 ~~profiles~~profile.

2. (Currently Amended) The reamer of claim 1 wherein:

the concave transitional section ~~smoothly~~smoothly blends the upper
and lower profiles together.

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3. (Previously Amended) The reamer of claim 1 wherein:

the upper profile has a larger longitudinal radius or sharper apex angle
than the lower profile.

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4. (Previously Amended) The reamer of claim 1, further comprising:
a plurality of secondary ribs that are lower than the primary ribs.

- 25 5. (Original) The reamer of claim 1 wherein:
the primary ribs are blade like.

6. (Previously Amended) The reamer of claim 1 wherein:
the top of at least some of the primary ribs form spikes to hold fruit in
place.
- 5 7. (Previously Amended) The reamer of claim 4 wherein:
the secondary ribs are located between the the primary ribs.
8. (Previously Amended) The reamer of claim 1 wherein:
the reamer includes at least one paddle- near a base of the primary ribs
10 for removing pulp.
9. (Original) A citrus press comprising:
a reamer;
a housing to support the reamer;
a motor to drive the reamer, said motor contained in the housing; and
15 a fruit dome carried by an actuating arm;
wherein the fruit dome has a trajectory determined by the actuating
arm, the trajectory having a curved portion and a generally linear
portion that is generally coincident with an axis of rotation of the
20 reamer.
10. (Original) The citrus press of claim 9 wherein:
the actuating arm co-operates with a micro switch lock-out to prevent
early rotation of the juicing reamer.

11. (Original) The reamer of claim 9 wherein:
the reamer has an apex on which is formed a central spike which co-operates with an internal surface of the fruit dome to limit the gap between the reamer and the dome.
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12. (Original) The citrus press of claim 11 wherein:
the fruit dome includes a profile on its inner surface that corresponds with the profile of the reamer profile.
- 10 13. (Original) The citrus press of claim 9 wherein:
the fruit dome is removable for washing.
14. (Original) The citrus press of claim 9 wherein:
the fruit dome includes a stub shaft for attaching the dome to a
15 corresponding aperture in the actuating arm.
16. (Original) The citrus press of claim 9 wherein:
the fruit dome includes one or more internal edges to grip the skin of
the fruit.
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16. (Currently Amended) The citrus press of claim 9, further comprising
wherein;
~~the a juice collector that~~ includes a sealable spout to control ~~the a~~ flow
of juice from the collector.

17. (Original) A citrus press comprising:
a reamer;
a housing to support the reamer;
5 a motor to drive the reamer, said motor contained in the housing; and
a fruit dome carried by an actuating arm;
wherein the actuating arm has a four bar linkage hinge with at least one
fixed pivot attached to the housing.
- 10 18. (Original) The citrus juicer of claim 17 wherein:
the actuating arm is a collapsible quadrilateral hinge.
- 15 19. (Original) The citrus juicer of claim 17 wherein:
the actuating arm co-operates with a micro switch lock-out to prevent
early rotation of the juicing reamer.
20. (Original) The reamer of claim 17 wherein:
the reamer has an apex on which is formed a central spike which co-
operates with an internal surface of the fruit dome to limit the gap
20 between the reamer and the dome.
21. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes a profile on its inner surface that corresponds
with the profile of the reamer profile.

22. (Original) The citrus juicer of claim 17 wherein:
the fruit dome is removable for washing.
- 5 23. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes a stub shaft for attaching the dome to a
corresponding aperture in the actuating arm.
- 10 24. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes one or more internal edges to grip the skin of
~~the~~ fruit.
- 15 25. (Currently Amended) The citrus juicer of claim 17, ~~wherein further~~
comprising:
the-a juice collector that includes a sealable spout to control ~~the-a~~ flow
of juice from the collector.
- 20 26. (Previously Amended) A spout for limiting the flow of fluid from a
container, comprising:
a spout that is hinged to the container;
the spout supporting an elastomeric plug;
an aperture in the container;
wherein the elastomeric plug fits into the aperture in the container to
stop a flow of fluid therethrough;

the plug having a portion that is larger than the aperture, that portion preventing the plug from dislodging under an influence of gravity.

27. (Original) The spout of claim 26 wherein:

5 the portion is an enlarged head.